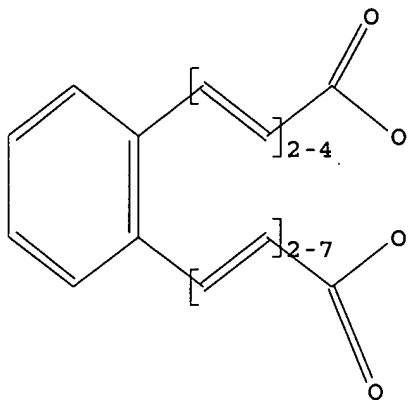


L10 STRUCTURE UPLOADED

=> d

L10 HAS NO ANSWERS

L10 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l10

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...

Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

SAMPLE SEARCH INITIATED 13:49:49 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 959 TO ITERATE

100.0% PROCESSED 959 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 17323 TO 21037
PROJECTED ANSWERS: 0 TO 0

L11 0 SEA SSS SAM L10

L12 0 L11

=> s l10 sss full

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...

Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

FULL SEARCH INITIATED 13:50:00 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 18886 TO ITERATE

100.0% PROCESSED 18886 ITERATIONS 9 ANSWERS
SEARCH TIME: 00.00.01

L13 9 SEA SSS FUL L10

L14 . 3 L13

=> s l14 and py<2000
19944176 PY<2000

L15 1 L14 AND PY<2000

=> d ibib abs hitstr

L15 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1977:422858 CAPLUS

DOCUMENT NUMBER: 87:22858

TITLE: Unsaturated macrocyclic compounds. 121. Synthesis of
benzannulated bisdehydro[14]-, -[16]-, -[18]-, and
-[20]annulenes

AUTHOR(S): Darby, Nicholas; Cresp, Terry M.; Sondheimer, Franz

CORPORATE SOURCE: Dep. Chem., Univ. Coll., London, UK

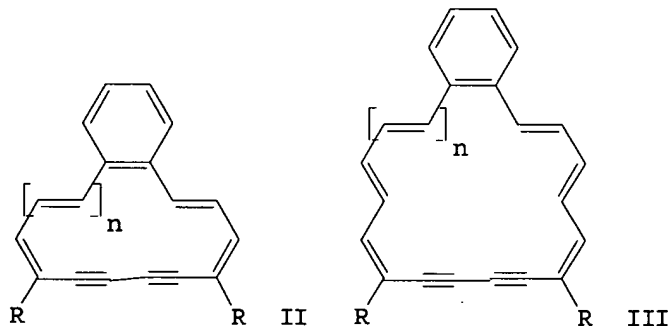
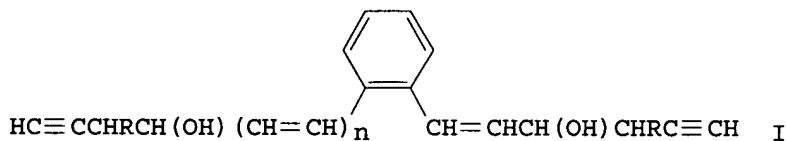
SOURCE: Journal of Organic Chemistry (1977), 42(11),
1960-7

CODEN: JOCEAH; ISSN: 0022-3263

DOCUMENT TYPE: Journal

LANGUAGE: English

GI



AB Phthalaldehyde was converted to 1,2-bis(alkenynyl)benzenes I ($n = 0, 1$; $R = H, Me$) by known reactions and I were cyclized and dehydrated to the resp. macrocyclic benzannulenes II. Similarly prepared were the vinylogs III (n, R given): 1, H; 1, Me; 2, H.

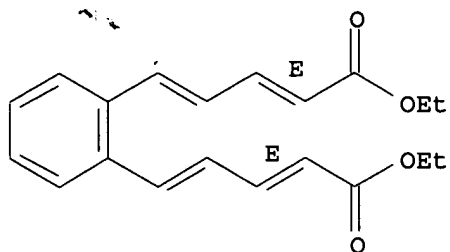
IT 61650-58-6P 61675-25-0P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and hydride reduction of)

RN 61650-58-6 CAPLUS

CN 2,4-Pentadienoic acid, 5,5'-(1,2-phenylene)bis-, diethyl ester, (E,E,?,?)-(9CI) (CA INDEX NAME)

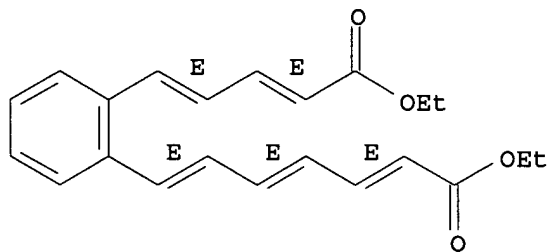
Double bond geometry as described by E or Z.



RN 61675-25-0 CAPLUS

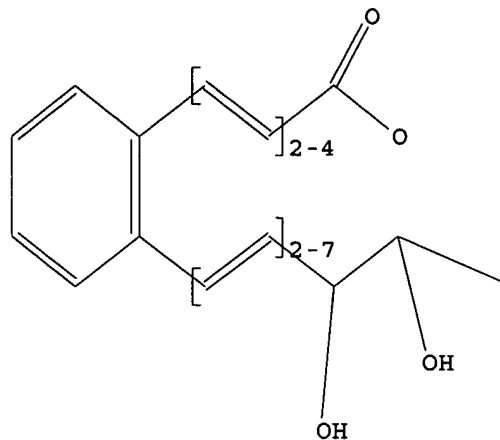
CN 2,4,6-Heptatrienoic acid, 7-[2-(5-ethoxy-5-oxo-1,3-pentadienyl)phenyl]-,
ethyl ester, (all-E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



=>

=> d
 L16 HAS NO ANSWERS
 L16 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l16
REGISTRY INITIATED
 Substance data SEARCH and crossover from CAS REGISTRY in progress...
 Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

SAMPLE SEARCH INITIATED 13:55:18 FILE 'REGISTRY'
 SAMPLE SCREEN SEARCH COMPLETED - 248 TO ITERATE

100.0% PROCESSED 248 ITERATIONS 0 ANSWERS
 SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**
 PROJECTED ITERATIONS: 4016 TO 5904
 PROJECTED ANSWERS: 0 TO 0

L17 0 SEA SSS SAM L16

L18 0 L17

=> s l16 sss full
REGISTRY INITIATED
 Substance data SEARCH and crossover from CAS REGISTRY in progress...
 Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

FULL SEARCH INITIATED 13:55:31 FILE 'REGISTRY'
 FULL SCREEN SEARCH COMPLETED - 4579 TO ITERATE

100.0% PROCESSED 4579 ITERATIONS 2 ANSWERS
 SEARCH TIME: 00.00.01

L19 2 SEA SSS FUL L16

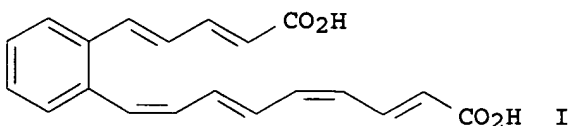
L20 1 L19

=> d ibib abs hitstr

L20 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:36645 CAPLUS
DOCUMENT NUMBER: 140:92685
TITLE: Serpentemycines A-E, novel aromatic polyene
antibiotics produced by Actinomycetales DSM 14865
INVENTOR(S): Vertesy, Laszlo; Kurz, Michael; Wink, Joachim
PATENT ASSIGNEE(S): Aventis Pharma Deutschland GmbH, Germany
SOURCE: Ger. Offen., 21 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 10229713	A1	20040115	DE 2002-10229713	20020702
CA 2490570	AA	20040115	CA 2003-2490570	20030618
WO 2004005236	A1	20040115	WO 2003-EP6407	20030618
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2003281344	A1	20040123	AU 2003-281344	20030618
EP 1519909	A1	20050406	EP 2003-740270	20030618
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
BR 2003012337	A	20050412	BR 2003-12337	20030618
JP 2006502983	T2	20060126	JP 2004-518540	20030618
US 2004042981	A1	20040304	US 2003-608466	20030627
PRIORITY APPLN. INFO.:			DE 2002-10229713	A 20020702
			US 2002-423473P	P 20021104
			WO 2003-EP6407	W 20030618
OTHER SOURCE(S):		MARPAT 140:92685		
GI				



AB The present inventions provides the novel aromatic polyenes serpentemycines A(I)-E, their derivs., a fermentation process to produce them and their use for the treatment and prophylaxis of bacterial infectious diseases. Also provided is Actinomycetales strain DSM 14865 which is used to produce these metabolites.

IT 643764-57-2P, Serpentemycine D 643764-58-3P, Serpentemycine E
RL: BMF (Bioindustrial manufacture); BSU (Biological study, unclassified); PRP (Properties); PUR (Purification or recovery); BIOL (Biological study); PREP (Preparation)

CN 2,4-Pentadienoic acid, 5-[2-[(1E,3E,5E)-7,8-dihydroxy-1,3,5-nonatrienyl]phenyl]-, (2E,4E)- (9CI) (CA INDEX NAME)

CC(O)C(O)/C=C/C=C/C=C/C=C/c1ccccc1/C=C/C=C/C(=O)O

CN 4,6,8-Nonatrienoic acid, 9-[2-[(1E,3E)-4-carboxy-1,3-butadienyl]phenyl]-
2,3-dihydroxy-, (4E,6E,8Z)- (9CI) (CA INDEX NAME)

OC(=O)C(O)C(O)C=CC=CC=Cc1ccccc1C=CC=CC(=O)O \Rightarrow